BILL NO. S-81-07-28

SPECIAL ORDINANCE NO. S-175-81

AN ORDINANCE approving Change Order Number 27 in connection with the Water Pollution Control Plant Expansion, Division I.

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That Change Order Number 27 to Hagerman Construction Company and Shambaugh & Sons, Inc. in connection with the Water Pollution Control Plant Expansion, Division I, for:

> the payment of the overhead costs for the 356 days of extension beyond the 156 days as provided in the approved Change Order Number 18, also, said Change Order provides for the removal of the credit extended in Change Order Number 23 for reduction of conduit and wire size to the 300 HP blowers,

in the amount of $169.919.00, as set out in the specifications, which are on file in the Office of the Board of Public Works and are by reference incorporated herein and made a part hereof, be and the same is in all things ratified, confirmed and approved.

SECTION 2. That this Ordinance shall be effective from and after its passage and approval by the Mayor.

COUNCILMAN

APPROVED AS TO FORM AND LEGALITY JULY 10, 1981.

BRUCE O. BOXBERGER, CITY ATTORNEY

Read the first time in full and on motion by Burns, seconded by Eisbart, and duly adopted, read the second time by title and referred to the Committee City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on ________, the ________ day of ________, 19____, at ____ o'clock ____ M.,E.S.T.

DATE: 7-14-81

Charles W. Westerman
CHARLES W. WESTERMAN
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Eisbart, and duly adopted, placed on its passage. PASSED (LOST) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	9				
BURNS	✓				
EISBART	✓				
GiaQUINTA	✓				
NUCKOLS	✓				
SCHMIDT, D.	✓				
SCHMIDT, V.	✓				
SCHOMBURG	✓				
STIER	✓				
TALARICO	✓				

DATE: 7-28-81

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE (RESOLUTION) No. S-175-81 on the 28th day of July, 19 81.

ATTEST: (SEAL)

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

John Nuckols
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 29th day of July, 19 81, at the hour of 1:00 o'clock P. M.,E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 5th day of August 19 81, at the hour of 4 o'clock P M.,E.S.T.

[signature]
WINFIELD C. MOSES, JR.
MAYOR

BILL NO. S-81-07-28

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN ORDINANCE approving Change Order Number 27 in connection with the Water Pollution Control Plant Expansion, Division I.

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

PAUL M. BURNS, CHAIRMAN	Paul M. Burns
VIVIAN G. SCHMIDT, VICE CHAIRMAN	Vivian G. Schmidt
BEN A. EISBART	Ben A. Eisbart
SAMUEL J. TALARICO	Samuel J. Talarico
ROY J. SCHOMBURG	Roy J. Schomburg

CONCURRED IN

DATE 7/28/81 CHARLES W. WESTERMAN, CITY CLERK

Memorandum

To: Board of Public Works

Date: June 22, 1981

From: Philip R. Boller, Director of Water Resources PRBoller

Subject: Change Order #27, Water Pollution Control Plant Expansion, Div. I

COPIES TO:

N. Wisler

I recommend Board of Public Works approval of the attached Change Order #27 and ask that the Board expedite this change order by asking Prior Approval from Common Council at their next scheduled meeting June 23, 1981.

Said Change Order is required to provide for the payment of the overhead costs for the 356 days of extension beyond the 156 days as provided in the approved Change Order #18.

Also, said change order provides for the removal of the credit extended in Change Order #23 for reduction of conduit and wire size to the 300 HP blowers.

Council 7/14/81

70-216-4
6/18/81

THE CITY OF FORT WAYNE

CITY-COUNTY BUILDING • ONE MAIN STREET • FORT WAYNE, INDIANA 46802

board of public works

June 19, 1981

The Common Council
Fort Wayne, Indiana

SUBJECT: CHANGE ORDER #27, DIVISION 1, WATER POLLUTION CONTROL PLANT EXPANSION, FEDERAL GRANT NUMBER C-180538-01.

Gentlemen and Mrs. Schmidt:

Change Order #27 with Hagerman-Shambaugh, Contractors in the amount of $169,919.00 has been approved by the Board of Public Works.

Said change order is required to provide for the payment of the overhead costs for the 356 days of extension beyond the 156 days as provided in the approved Change Order #18.

Also, said change order provides for the removal of the credit extended in Change Order #23 for reduction of conduit and wire size to the 300 HP blowers.

In order to avoid any delay in construction, the Board respectfully requests a "Prior Approval" of the Change Order.

Special Ordinance for formal approval will be introduced in the near future.

Yours truly,

BOARD OF PUBLIC WORKS
Betty R. Collins
Robert Anderson, Jr.

CITY OF FORT WAYNE

WIN MOSES, JR., MAYOR

approved:

attest:

CITY CLERK

70-216-4 6/18/81 Job No. 3263 8.D.

PROJECT Water Quality Control Project OWNER City of Fort Wayne, IN

DIVISION/SECTION I - Water Pollution Control Plant Additions

CHANGE ORDER NO. 27

TO: Hagerman-Shambaugh, Joint Bidders
c/o Hagerman Construction Company
510 West Washington Blvd.
P.O. Box 10690
Fort Wayne, IN 46853

You are hereby authorized to make the following additions and/or deductions to your contract amount.

	Previous Contract Amount	Increase	Decrease	Net Change (Add)	Revised Contract Amount
TOTAL	$ 22,186,234.39	$ 169,919.00	$ -0-	$ 169,919.00	$ 22,356,153.39

Description of Change:	Add	Deduct
Item No. 1 - Adjustment to Overhead Costs in Change Order No. 18	$164,000	
Extend overhead 356 days from that specified Change Order #18.		
Electrical Subcontractor Overhead Extension $180/day x 356 days = $64,000		
Joint Bidders Overhead Extension $281/day x 356 days - $100,000		
Item No. 2 - Remove Credit Extended in Change Order No. 23, Item No. 17 for Reduction of Conduit and Wire Size to 300 HP Blowers	$5919	

RECOMMENDED:

HOWARD NEEDLES TAMMEN & BERGENDOFF

BY [signature]

Title PROJ MGR Date 6/18/81

ACCEPTED:

HAGERMAN-SHAMBAUGH, Joint Bidders
ACCEPTED FOR HAGERMAN CONSTRUCTION CORP.
CONTRACTOR

By [signature]

Title Ch. Bd Date 6-19-81

ACCEPTED FOR SHAMBAUGH & SON, INC.
CONTRACTOR

By [signature]

Title Asst Secy Date 6-19-81

APPROVED:

CITY OF FORT WAYNE, INDIANA
OWNER

BY

Chairman
Betty R. Collins
Member
Robert Anderson
Member

Title BOARD OF PUBLIC WORKS

Date 6-18-81

CHANGE ORDER JUSTIFICATION

CHANGE ORDER NO. 27 - UPDATE OF CHANGE ORDER NOS. 18 & 23

ITEM NO. 1 - ADJUSTMENT TO OVERHEAD COSTS IN CHANGE ORDER NO. 18

Change Order No. 18 extended the contract time 156 days for the execution of the work contained within that change order. Additional, but unspecified, amount of time was recognized for equipment deliveries which could justifiably effect the actual length and cost of the time extension for the change order work (see page 4 of Change Order No. 18).

Figure 1 illustrates the time line of events of the Change Order No. 18 work. Note the contractor made an effort to reduce the equipment delivery time by placing the order for the equipment ahead of the EPA approval. In spite of every effort made by the contractor to minimize the equipment delivery time, the last equipment delivery (2500 amp bus) did not occur until 283 days past the time extension date established in Change Order No. 18. The contractor completed the system installation 63 days after receipt of the 2500 amp bus. Therefore, the contractor experienced overhead costs for 356 days in addition to the 156 days compensated by Change Order No. 18.

ITEM NO. 2 - REMOVE CREDIT EXTENDED IN CHANGE ORDER NO. 23, ITEM NO. 17, FOR REDUCTION OF CONDUIT AND WIRE SIZE TO 300 HP BLOWERS

During installation of the feeder cable to the two 300 HP blowers, it was noted that the three 750 MCM feeder cables shown on plan sheet E-5 could be properly substituted by three smaller 350 MCM cables. The contractor extended a credit for this reduction in feeder size in Change Order No. 23, Item No. 17. Subsequent review of contract Addendum No. 3 noted that the 350 MCM cable designation was contained in Addendum No. 3, Item Nos. 14-17, page 9D. Therefore, the contractor extended a credit for work that had been addressed in Addendum No. 3.

COST OR PRICE SUMMARY FORMAT FOR SUBAGREEMENTS UNDER U.S. EPA GRANTS
(See accompanying instructions before completing this form)

Form Approved
OMB No. 158-R0144

PART I - GENERAL

1. GRANTEE City of Fort Wayne, Indiana, Board of Public Works	2. GRANT NUMBER C180538-01
3. NAME OF CONTRACTOR OR SUBCONTRACTOR Hagerman-Shambaugh-Joint Bidders	4. DATE OF PROPOSAL June 11, 1981
5. ADDRESS OF CONTRACTOR OR SUBCONTRACTOR *(Include ZIP code)* Hagerman-Shambaugh, Joint Bidders 510 W. Washington Blvd. P.O. Box 10690 Fort Wayne, IN. 46853	6. TYPE OF SERVICE TO BE FURNISHED CO#25 Revision of Engine Generator Ventilation System per C.O.#25 DWG. 1,2,3,&4 dated 8-5-80 and letter 7-23-80 7-23-80 entitled close out change order draft.

PART II - COST SUMMARY

7. DIRECT LABOR *(Specify labor categories)*		ESTIMATED HOURS	HOURLY RATE	ESTIMATED COST	TOTALS
Pipe Fitters per new Scope	Add	50	$ 18.90	$ 945.	
Pipe Fitters per old Scope	Deduct	32	16.00	(512)	
Supervision per new Scope	Add	70	21.79	1,525.	
Supervision per old Scope	Deduct	7	18.86	(132)	
Project Engineer new Scope	Add	8	16.36	131.	
DIRECT LABOR TOTAL:					$ 1,957.

8. INDIRECT COSTS *(Specify indirect cost pools)*	RATE	× BASE =	ESTIMATED COST	TOTALS
Gen. & Admin. Expense	.05	$280,920	$ 14,046.	
INDIRECT COSTS TOTAL:				$ 14,046.

9. OTHER DIRECT COSTS

a. TRAVEL	ESTIMATED COST
(1) TRANSPORTATION	$
(2) PER DIEM	$
TRAVEL SUBTOTAL:	$

b. EQUIPMENT, MATERIALS, SUPPLIES *(Specify categories)*	QTY	COST	ESTIMATED COST
Materials Pipe & Ftgs. (new Scope) Add		$	$ 337
Materials Pipe & Ftgs. (old Scope) Deduct			(50)
Small Tools Usage (.40/manhour)			7
EQUIPMENT SUBTOTAL:			294

c. SUBCONTRACTS		ESTIMATED COST
Sheet metal fans, etc. (new Scope)	Add	$ 71,806
Sheet metal demolition (old Scope)	Deduct	(5293)
Pipe insulation		750
Electrical work		$ 22,115
Painting work		7,200
SUBCONTRACTS SUBTOTAL:	Subtotal	96.578

d. OTHER *(Specify categories)*	ESTIMATED COST	TOTALS
	$	
OTHER SUBTOTAL:	$	
e. OTHER DIRECT COSTS TOTAL:		$ 96,872.00
10. TOTAL ESTIMATED COST		$ 112,875.00
11. PROFIT		$ 8,684.00
12. TOTAL PRICE		$ 121,559.00

PART III - PRICE SUMMARY

13. COMPETITOR'S CATALOG LISTINGS, IN-HOUSE ESTIMATES, PRIOR QUOTES (Indicate basis for price comparison)	MARKET PRICE(S)	PROPOSED PRICE
		$

PART IV - CERTIFICATIONS

14. CONTRACTOR

14a. HAS A FEDERAL AGENCY OR A FEDERALLY CERTIFIED STATE OR LOCAL AGENCY PERFORMED ANY REVIEW OF YOUR ACCOUNTS OR RECORDS IN CONNECTION WITH ANY OTHER FEDERAL GRANT OR CONTRACT WITHIN THE PAST TWELVE MONTHS?

☐ YES ☒ NO *(If "Yes" give name address and telephone number of reviewing office)*

14b. THIS SUMMARY CONFORMS WITH THE FOLLOWING COST PRINCIPLES

Our normal procedure for estimating contract change orders

14c.

C.O.25

This proposal is submitted for use in connection with and in response to *(1)* Howard Needles, Tanner & Bergendoff (Russell) letter of June 3, 1981 This is to certify to the best of my knowledge and belief that the cost and pricing data summarized herein are complete, current, and accurate as of *(2)* June 11, 1981 and that a financial management capability exists to fully and accurately account for the financial transactions under this project. I further certify that I understand that the subagreement price may be subject to downward renegotiation and/or recoupment where the above cost and pricing data have been determined, as a result of audit, not to have been complete, current and accurate as of the date above.

Hagerman - Shambaugh, Joint Bidders

(3) June 19, 1981
DATE OF EXECUTION

By: [signature]
SIGNATURE OF PROPOSER
Mark F. Hagerman, President
Hagerman Construction Corporation

By: [signature]
TITLE OF PROPOSER
James Harvey. Manager
Shambaugh & Son, Water & Waste Div.

15. GRANTEE REVIEWER

I certify that I have reviewed the cost/price summary set forth herein and the proposed costs/price appear acceptable for subagreement award.

DATE OF EXECUTION

SIGNATURE OF REVIEWER

TITLE OF REVIEWER

16. EPA REVIEWER *(If applicable)*

DATE OF EXECUTION

SIGNATURE OF REVIEWER

TITLE OF REVIEWER

OR PRICE SUMMARY FORMAT FOR SUBAGREEMENTS UNDER U.S. EPA GRANTS
(See accompanying instructions before completing this form)

Form Approved
OMB No. 158-R0144

PART I - GENERAL

C 180538-01

1. GRANTEE	2. GRANT NUMBER
City of Fort Wayne, Indiana, Board of Public Works	C180538-01
3. NAME OF CONTRACTOR OR SUBCONTRACTOR	**4. DATE OF PROPOSAL**
Hagerman-Shambaugh, Joint Bidders	June 11, 1981
5. ADDRESS OF CONTRACTOR OR SUBCONTRACTOR (Include ZIP code)	**6. TYPE OF SERVICE TO BE FURNISHED**
Hagerman-Shambaugh, Joint Bidders 510 W. Washington Blvd. P.O. Box 10690 Fort Wayne, IN. 46853	C.O.#27-Adjustment to Overhead Costs in Change Order No. 18

PART II - COST SUMMARY

7. DIRECT LABOR (Specify labor categories)	ESTIMATED HOURS	HOURLY RATE	ESTIMATED COST	TOTALS
Engine- Generator Maintenance Cost	800	$ 16.00	$ 12,800.	
Supervision Shambaugh	504	18.78	9,465.	
Supervision Hagerman	597	18.17	10,847.	
Project Engineering-Management	336	16.36	5,495.	
DIRECT LABOR TOTAL:				$ 38,607.
8. INDIRECT COSTS (Specify indirect cost pools)	**RATE**	**× BASE =**	**ESTIMATED COST**	
Field Office-Storage Facilities		$ 125	$ 3,975.	
Performance Bond Premium			23,985.	
Builders Risk Insurance			27,719.	
INDIRECT COSTS TOTAL:				$ 55,679.
9. OTHER DIRECT COSTS				
a. TRAVEL			**ESTIMATED COST**	
(1) TRANSPORTATION			$ 969	
(2) PER DIEM			$	
TRAVEL SUBTOTAL:			$ 969	
b. EQUIPMENT, MATERIALS, SUPPLIES (Specify categories)	**QTY**	**COST**	**ESTIMATED COST**	
Small tools usage (per manhour)	800	$ .04	$ 320.	
Lubricants			100.	
EQUIPMENT SUBTOTAL:			420.	
c. SUBCONTRACTS			**ESTIMATED COST**	
Electrical Subcontractor-Commonwealth Electric Co.			$64,000.	
SUBCONTRACTS SUBTOTAL:			$64,000.	
d. OTHER (Specify categories)			**ESTIMATED COST**	
			$	
OTHER SUBTOTAL:			$	
e. OTHER DIRECT COSTS TOTAL:				$ 65,389.
10. TOTAL ESTIMATED COST				$159,675.
11. PROFIT				$ 4,325.
12. TOTAL PRICE				$164,000.

PART III - PRICE SUMMARY

13. COMPETITOR'S CATALOG LISTINGS, IN-HOUSE ESTIMATES, PRIOR QUOTES (Indicate basis for price comparison)	MARKET PRICE(S)	PROPOSED PRICE
		$

PART IV - CERTIFICATIONS

14. CONTRACTOR

14a. HAS A FEDERAL AGENCY OR A FEDERALLY CERTIFIED STATE OR LOCAL AGENCY PERFORMED ANY REVIEW OF YOUR ACCOUNTS OR RECORDS IN CONNECTION WITH ANY OTHER FEDERAL GRANT OR CONTRACT WITHIN THE PAST TWELVE MONTHS?

☐ YES ☒ NO (If "Yes" give name address and telephone number of reviewing office)

14b. THIS SUMMARY CONFORMS WITH THE FOLLOWING COST PRINCIPLES

Normal procedure for estimating contract change orders.

14c.

This proposal is submitted for use in connection with and in response to (1) Howard, Needles, Tammer, & Bergendoff letter of June 3, 1981 & C.O. 27. This is to certify to the best of my knowledge and belief that the cost and pricing data summarized herein are complete, current, and accurate as of (2) June 11, 1981 and that a financial management capability exists to fully and accurately account for the financial transactions under this project. I further certify that I understand that the subagreement price may be subject to downward renegotiation and/or recoupment where the above cost and pricing data have been determined, as a result of audit, not to have been complete, current and accurate as of the date above.

Hagerman-Shambaugh, Joint Bidders

(3) June 19, 1981
DATE OF EXECUTION

By: [signature]
Mark F. Hagerman, Pres.
SIGNATURE OF PROPOSER
Hagerman Construction Corp.

By: [signature]
James Harvey, Mgr, Water & Waste Div. Shambaugh & Son, Inc.
TITLE OF PROPOSER

14. GRANTEE REVIEWER

I certify that I have reviewed the cost/price summary set forth herein and the proposed costs/price appear acceptable for subagreement award.

DATE OF EXECUTION

SIGNATURE OF REVIEWER

TITLE OF REVIEWER

16. EPA REVIEWER (If applicable)

DATE OF EXECUTION

SIGNATURE OF REVIEWER

TITLE OF REVIEWER

THE CITY OF FORT WAYNE

CITY-COUNTY BUILDING • ONE MAIN STREET • FORT WAYNE, INDIANA 46802

board of public works

June 19, 1981

The Common Council
Fort Wayne, Indiana

SUBJECT: CHANGE ORDER #27, DIVISION 1, WATER POLLUTION CONTROL PLANT EXPANSION, FEDERAL GRANT NUMBER C-180538-01.

Gentlemen and Mrs. Schmidt:

Change Order #27 with Hagerman-Shambaugh, Contractors in the amount of $169,919.00 has been approved by the Board of Public Works.

Said change order is required to provide for the payment of the overhead costs for the 356 days of extension beyond the 156 days as provided in the approved Change Order #18.

Also, said change order provides for the removal of the credit extended in Change Order #23 for reduction of conduit and wire size to the 300 HP blowers.

In order to avoid any delay in construction, the Board respectfully requests a "Prior Approval" of the Change Order.

Special Ordinance for formal approval will be introduced in the near future.

Yours truly,

BOARD OF PUBLIC WORKS
Betty R. Collins
Robert Anderson

CITY OF FORT WAYNE

WIN MOSES, JR., MAYOR

approved:

Vivian G. Schmidt

attest:

Charles W. Westerman
CITY CLERK

TITLE OF ORDINANCE CHANGE ORDER #27, WATER POLLUTION CONTROL PLANT EXPANSION, DIVISION I

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS S-81-07-28

SYNOPSIS OF ORDINANCE CHANGE ORDER #27, DIVISION 1, WATER POLLUTION CONTROL PLANT EXPANSION, FEDERAL GRANT NUMBER C-180538-01. SAID CHANGE ORDER IS REQUIRED TO PROVIDE FOR THE PAYMENT OF THE OVERHEAD COSTS FOR THE 356 DAYS OF EXTENSION BEYOND THE 156 DAYS AS PROVIDED IN THE APPROVED CHANGE ORDER #18, ALSO, SAID CHANGE ORDER PROVIDES FOR THE REMOVAL OF THE CREDIT EXTENDED IN CHANGE ORDER #23 FOR REDUCTION OF CONDUIT AND WIRE SIZE TO THE 300 HP BLOWERS.

PRIOR APPROVAL ACQUIRED AND ATTACHED

HAGERMAN CONSTRUCTION CO. AND SHAMBAUGH & SONS, INC. - CONTRACTORS.

EFFECT OF PASSAGE THE COMPLETION OF DIVISION I, WPC PLANT EXPANSION.

EFFECT OF NON-PASSAGE ABOVE DESCRIBED PASSAGE CANNOT BE COMPLETED.

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) $169,919.00

ASSIGNED TO COMMITTEE